

We believe that we have solved the problem of giving our students thorough and practical work in what should be the test to determine the students' skill in the profession of pharmacy, but the sad part of the story is this—many of our graduates in practice, especially in the smaller towns of Iowa, would starve to death if they depended upon their prescription business for a living. This again is a different story, but the successful solution of one problem may lead the way to the solution of the other.

## PROCEEDINGS OF THE LOCAL BRANCHES

"All papers presented to the Association and its branches shall become the property of the Association, with the understanding that they are not to be published in any other publication than those of the Association, except by consent of the Committee on Publication."—By-Laws, Chapter X, Art. III.

Reports of the meetings of the Local Branches should be mailed to the Editor on the day following the meeting, if possible. Minutes should be typewritten, with wide spaces between the lines. Care should be taken to give proper names correctly, and manuscript should be signed by the reporter. To maintain its activity and representation each branch should see that at least three of its meetings during the year are reported in the JOURNAL.

### BALTIMORE.

The February meeting of the Baltimore Branch of the A. Ph.A. was held at the Emerson Hotel on February 28, 8.15 P.M.; Dr. Hermann Engelhardt presided.

The principal feature of the evening was the presentation of the slides showing the American Colleges of Pharmacy, prepared by Dr. Caswell A. Mayo. As the pictures were thrown on the screen they were explained by Dr. E. F. Kelly. The meeting was well attended, was much enjoyed, and the Secretary was directed to express to Dr. Mayo the thanks and appreciation of the Branch for the use of the slides.

The Branch reelected the following officers for the present year:

*President*—Dr. Hermann Engelhardt, 2912 Garrison Ave., Baltimore.

*Vice-President*—John C. Krantz, Jr., Baltimore.

*Secretary-Treasurer*—B. Olive Cole, Greenc & Lombard Sts., Baltimore.

*Chairman Committee on Membership*—Wilmer H. Schulze.

*Chairman Committee on Professional Relations*—Chas. L. Meyer.

*Chairman Committee on Science and Practice of Pharmacy*—Dr. Daniel Base.

*Chairman Committee on Education and Legislation*—Dr. E. F. Kelly.

B. OLIVE COLE, *Secretary-Treasurer*.

### CHICAGO.

The 133rd meeting of the Chicago Branch of the American Pharmaceutical Association was held at the Hotel LaSalle Friday evening,

February 25 at 8:00 o'clock with President Warren presiding.

The meeting was preceded by a dinner in honor of Dr. Henry H. Rusby of New York, the speaker of the evening. The attendance at the dinner and meeting was unusually large and included visitors from the Illinois Microscopical Society, from Indiana, and a number of cities in Illinois, outside of Chicago.

Dr. Rusby presented a most interesting and instructive lecture illustrated with many fine slides on his recent exploration trip to South America. While the lecture was popular in its nature and of interest to those not especially versed in pharmacy, it was also of great value to pharmacists and those familiar with drugs, because Dr. Rusby discussed and illustrated many drug plants. He also showed pictures of wonderful cacti, orchids and other interesting plants. The scientific and economic value of this great expedition has hardly begun to be realized. Dr. Rusby stated that some of the investigations of the new plant products already indicate important medical agents. As Mr. Warren stated, in discussing the lecture,—it will be many years before the full value of the scientific discoveries are known or utilized to their greatest economic extent.

Dr. Chas. F. Millspaugh, Botanical Curator of the Field Museum of Natural History, commented most favorably upon the lecture and stated that in the new South American exploration work was being undertaken by the Museum through the generosity of Captain Marshall Field, some of the unfinished

work of Dr. Rusby would be continued and it was hoped that further important results might accrue from this coordination.

Professor William B. Day offered, on behalf of the Chicago Branch, a hearty appreciation for this lecture and congratulations upon the splendid results achieved by the expedition.

Dr. Rusby acknowledged the fine generosity of the H. K. Mulford Company in financing the expedition. He stated that after the directors had voted money to meet the cost, they specifically required that every scientific and economic discovery should be published before it was communicated to the Mulford Company, and they refused to accept any remunerative or financial advantage from the discoveries of the expedition.

E. N. GATHERCOAL, *Secretary*.

#### CINCINNATI.

At the February meeting of the Cincinnati Branch of the American Pharmaceutical Association, Dr. Frank B. Cain made an address on affiliation of organizations, urging that steps be taken to bring about a closer coordination of the work of all the pharmacists in the city. He said that there was a great need of a closer affiliation of the pharmacists, something that would bring together those who are interested in education and professional pharmacy with those whose interests were centered in its commercial aspects. He spoke of the effective organization in the medical field and of the possibilities for good which might follow similar organization work in pharmacy. He complimented the Ohio Valley Druggists' Association upon the excellent service which it had rendered to the druggists of the community, and said he wanted it to be thoroughly understood that he did not in any way belittle that service, but he hoped that some plan might be worked out under which all the pharmacists of the city, whether commercially, educationally or professionally inclined, would be kept in touch with each other. The paper was discussed by Dr. Kennon Dunham, President of the Cincinnati Academy of Medicine, Otto J. Kohl, president of the Ohio Valley Druggists' Association, Harry Fricke, Business Manager of that organization, Henry Dustenberg, Frank H. Freericks, and others. President Fred Kisker appointed as a committee Dr. Cain, Mr. Kisker and Dr. Caswell A. Mayo to confer with a similar committee which the Ohio Valley Druggists' Association was asked to appoint with a view to bringing about a social

affiliation between the two organizations as representing all phases of pharmacy.

On May 4 and 5, the Board of Trustees of the U. S. P. Revision Committee will meet in Cincinnati. Plans for entertainment are now being made by a joint committee of the Cincinnati Branch A. Ph. A. and the Ohio Valley Druggists' Association.

BERTHA OTT, *Secretary*.

#### DETROIT.

The February meeting of the Detroit Branch of the American Pharmaceutical Association was held at the Wayne County Medical Building, February 16. F. F. Ingram, Jr., presided in the absence of President Chas. H. Stocking.

Leonard A. Seltzer read a communication from General Secretary Wm. B. Day regarding the establishing of a permanent home for the A. Ph. A.

The speakers of the evening were A. O. Mathews, Research Department, Parke, Davis & Co., who gave an excellent discussion on "The Character of the Solution," and W. L. Irwin, manager Ampul & Hypodermic Department, read a paper on "Ampuls: the Container and its Contents." In presenting the latter subject, the speaker stated that "along with the many advances in the methods of treating disease, the practice of hypodermic and intravenous medication is receiving a great deal of attention among our leading physicians.

"These solutions are carried in the form of Ampuls—sealed glass containers, containing usually sufficient sterile solution for one dose."

After giving an historical account of the Ampul the speaker continued by saying that until about fifteen years ago in the United States physicians gave hypodermic injections only in emergencies. These consisted of the alkaloids, such as strychnine, morphine, etc. and were prepared from hypodermic tablets. From this time on, however, an entirely new field of hypodermic and intravenous medication has been gradually developing. Solutions of quinine, iron citrate, sodium cacodylate, and many other substances are now being very generally used.

Each type of Ampul, the speaker said, "presents its own peculiarities, and no general methods can be employed in their manufacture. Treatment that applies to one may completely ruin another.

"The quality of a finished ampul depends very largely upon the quality of glass used. It must by all means be clear and free from alkali.

Alkali will not only precipitate many substances from solution and cause loss in activity in others, but it will cause marked irritation at the point of injection."

Mr. Irwin then took up the details of preparing solutions and filling the ampuls, wherein the greatest care is absolutely essential.

"In the light of present knowledge," the speaker stated, "it is very desirable to avoid heat sterilization of all gland products. While we have no way of determining a loss of activity in many of these animal gland extracts, it is known that the hormones present are of a delicate nature, and the end products of their decomposition may be toxic.

"Pasteur filtration in all cases where heat is not applicable is indispensable. Aseptic handling under ideal conditions by specially trained help is also essential.

"The final and highly important step lies in the sterility tests of samples taken at frequent intervals throughout the filling operation. This part of the work must be handled by an experienced bacteriologist, and requires special equipment. It consists in incubating a sample of the solution with a suitable culture media for a period of five days. If, at that time, no growth is apparent approval is given. This is a real safety test, since very serious results may follow the injection of a contaminated solution into a vein or the tissues."

G. C. CHOSTNER, *Secretary*.

#### NEBRASKA.

The first meeting of the fiscal year of the Nebraska Branch of the American Pharmaceutical Association was held on the evening of November 8, at the College of Pharmacy, University of Nebraska. The program consisted of a brief report of the National conventions at Cleveland by Dr. R. A. Lyman, and an open discussion of the proposed plans of reorganization of the American Pharmaceutical Association, also conducted by Dr. Lyman. On account of rather poor attendance at the meeting, the election of officers of the Branch was postponed until the next meeting.

The second meeting of the Nebraska Branch of the American Pharmaceutical Association was held at Pharmacy Hall, University of Nebraska, on Tuesday evening, February 27. This was a joint meeting of the Nebraska Branch and the Nebraska Pharmaceutical Society, an organization of students of pharmacy of the University of Nebraska.

The program consisted of addresses by Mr. Guy Butler, of the Butler Drug Co., of Lin-

coln, and Dean R. A. Lyman, of the College of Pharmacy. E. O. Haschenburger, of the Koska Drug Co., and S. M. Wilson, of the Lincoln Pharmacy, were also invited to address the meeting but were unable to be present. The meeting was well attended and the addresses of the speakers were fully appreciated by the students and members present.

At the conclusion of the program, the election of officers of the Branch was held. The following officers were elected. *President*—S. M. Wilson; *Vice-president*—Guy Butler; *Secretary-Treasurer*—J. B. Burt. Dr. R. A. Lyman was elected as member of the Council to represent the Branch.

J. B. BURT, *Secretary-Treasurer*.

#### NORTH CAROLINA.

The regular February meeting of the University of North Carolina local branch of The American Pharmaceutical Association was held in the Assembly Room of the Pharmacy Building, Chapel Hill, No. 6, Friday evening, March 2, 1923. The speaker for the evening was Dr. Hubert A. Royster, Surgeon-in-Charge of Rex and Mary Elizabeth Hospitals, Raleigh, N. C.

Dr. Royster prefaced his address, "The Importance of Chemistry," by complimenting the students on the formation of the local branch of the American Pharmaceutical Association. He added that it was his belief that every one engaged in the practice of his profession should be affiliated with his National organization. Dr. Royster brought out the fact that most physicians and pharmacists seem to forget the fact that chemistry is one of the fundamental processes, as proven by the chemical changes which take place in breathing, digestion, and excretion. He appealed for a more extensive study of this science on the part of pharmacists. He also stressed the point that the ability to use your own language properly was essential in order to clearly express the results of your research, as knowing a fact without being able to publish it was of little value to the world.

ALMOND P. WESTBROOK, *Secretary-Treasurer*.

#### NORTHWESTERN.

The entire program of February 22, of convention in Minnesota, was devoted to a joint meeting between the Scientific and Practical Section of Minnesota Pharmaceutical Association and the Northwestern branch of the American Pharmaceutical Association. Dean F. J. Wulling presided. The following program was carried out, all but a few of the papers read in

full. The address by Dr. H. H. Rusby was especially appreciated, and was entertaining and instructive.

1. The College of Pharmacy of the University of Minnesota (Historical Annual)—F. J. Wulling.

2. Report Research Committee—C. H. Rogers.

3. Report Committee on U. S. P. and N. F.—E. L. Newcomb.

4. Report College of Pharmacy Committee—A. J. Kline.

5. My Ideal Pharmacy—G. J. DeMars.

6. Quality and Not Quantity—H. C. Kruckeberg.

7. The Manufacture and Sale of Your Own Preparations—J. B. Christgau.

8. Report on Drug Adulteration—G. Bachman.

9. The Retail Pharmacist of Yesterday and Today—M. Menzel.

10. Report of Committee on Drug Plant Culture—G. J. DeMars.

11. Organizing American Pharmacy—Second Paper—E. L. Newcomb.

12. What Pharmacy Needs—Richard Messing.

13. Investigation of a New Animal Fat—C. H. Rogers.

14. Report of Committee on Practical Pharmacy—F. A. U. Smith.

15. Elixir Iron, Quinine and Strychnine—M. B. Chittick.

16. Medicated Syrups—R. Bartleson.

17. Ethics of Pharmacy—H. M. Johnson.

18. The Man Who Guards Our Drugs—E. E. Stanford.

19. Should Students Be Selected?—F. J. Wulling.

20. Observations of Practical Value on Digitalis Dispensing—E. L. Newcomb.

21. The Number of Drug Stores Should Be Restricted—F. J. Wulling.

22. A Pre-pharmaceutical academic college year—F. J. Wulling.

23. Professional Progress in South Dakota During Last Five Years—Antln Hogstad, Jr.

24. An Address by Dean Rusby of the Columbia University College of Pharmacy.

#### PHILADELPHIA.

The regular monthly business meeting of the Philadelphia Branch of the American Pharmaceutical Association was held Tuesday evening March 13th, at the Philadelphia College of Pharmacy and Science.

The meeting was called to order by President Jenkins. Secretary Jos. W. E. Harrison read the minutes of the previous meeting, which were approved.

The following applications for membership in the local branch and also the parent organization were presented.

Chas. F. Mullin, 3rd and Jackson St., Camden, N. J.; H. Morton Cameron, 5400 Germantown Ave., Philadelphia; John Thomas Fenton, 410 East Center St., Mahoney City, Pa.; John A. Pierro, 1317 South 6th St., Philadelphia.

The applicants were elected.

The Committee on nominations, composed of Charles H. LaWall, F. Fullerton Cook and E. G. Eberle, presented the names of the following nominees:

*President*, Robert C. White; *First Vice-President*, H. Morton Cameron; *Second Vice-President*, Louis Gershenfeld; *Secretary-Treasurer*, Joseph W. E. Harrison.

*Committees—Membership*: W. W. McNeary, Chairman; Leo C. Penn and Edward T. Hahn. *Fraternal Relations*: Dr. H. C. Wood, Chairman, Dr. F. E. Stewart, J. K. Thum. *Practical Pharmacy*: Adley B. Nichols, Chairman, Karl Ehmman, Quintus Hoch.

The nominees were elected.

The committee on nominations also presented an amendment to the By-Laws of the Local Branch so that they should read as follows.

"The President shall have the power to appoint the chairman and members of the several standing committees."

President Jenkins then introduced the President-elect who assumed charge of the meeting. He introduced Mr. Geo. C. Friend, of Wilson and Company, as the speaker of the evening; his topic was "Endocrines and Packing House By-Products." A very complete line of these products was exhibited.

Mr. Friend emphasized that the average man encountered by-products of the packing house industries at every turn, if not directly they were used in the manufacture of the various impliments and articles which he used. He spoke of the endocrines which are coming rapidly into favor among physicians and the many uses to which they were put. He illustrated by charts the parts of the animals from which they were obtained.

Mr. Hunsberger in discussing the subject suggested that the manufacturers of these products should print on the labels a notice that

they rapidly deteriorated, unless kept under favorable conditions.

A vote of thanks was extended to the guest of the evening and also to the retiring officers of the Branch.

Charles H. LaWall suggested the appointment of a committee to look after the proposed state regulations of laboratories doing clinical work. The following members were appointed: *Chairman*, Ambrose Hunsberger; *W. L. Cliffe* and *Dr. John R. Minehart*.

JOS. W. E. HARRISSON, *Secretary*.

#### PITTSBURGH.

The Pittsburgh Branch of the American Pharmaceutical Association has been holding very interesting and instructive meetings recently which have been given over largely to matters of commercial information of value to its members, especially those engaged in the retail drug business. C. Leonard O'Connell gave a talk on selling bristle goods, which was followed by a discussion during which many valuable suggestions were brought out. Glen Boyer, a student of the School of Pharmacy, read a paper on the subject of Chinese Wood Oil and its uses which also provoked a thorough discussion. Dr. E. C. Reif gave a very instructive talk on Vitamines, in which he presented a comprehensive review of important facts brought out in the literature on the subject, which proved extremely interesting and instructive.

At the January meeting the annual election took place with the following result: *President*, Edward C. Nied; *Vice-President*, I. Paul Griggs; *Secretary*, B. E. Pritchard; *Treasurer*, P. Henry Utech; *Member of Council*, A. Ph. A., Julius A. Koch. An interesting feature was presented in a paper by Joseph Cohen, a College of Pharmacy student, on the manufacture of aluminum utensils, which was dis-

cussed in all of its phases by J. A. Koch, Louis Saalbach, A. F. Judd and J. H. Wurdack.

At the February meeting the new president, Edward C. Nied, was formally introduced by Dr. E. C. Reif, and he made an inauguration address in which he expressed satisfaction upon the presence of so many of the student body. Vice-President I. Paul Griggs also spoke in a modest manner at being honored in his election.

The Secretary read a letter from Dr. Caswell A. Mayo concerning our disappointment at not receiving the interesting slides which failed to reach us in time for our meeting due to the delay in shipments that have been experienced by all shippers during the embargo. Dr. Mayo wrote "If you should think it worth while to try again I shall endeavor to make a date for you sufficiently far in advance to make sure that there will be no possibility of delay." On motion the Secretary was instructed to request that we be favored with this interesting set of slides for our meeting to be held the third Tuesday in April. Dr. Beal's appeal for subscriptions to the building fund for the headquarters for the American Pharmaceutical Association was read by Dr. Koch who urged upon those present to make such contributions as their means would permit, be it ever so small. The Secretary directed attention to the fact that a number of members of the parent body had neglected to forward their annual dues for 1922 and he had been requested by the Treasurer to bring this matter before our members for attention. The feature of the program was a talk accompanied by blackboard diagrams on "The Principles Involved in the Wassermann Reaction" by Dr. E. C. Reif, a member of the College faculty. Discussion was participated in by Dr. Judd, C. Leonard O'Connell and others.

B. E. PRITCHARD, *Secretary*.

#### AN OPPORTUNITY TO MARKET A RAT POISON IN JAPAN.

James F. Abbott, U. S. Commercial Attaché at Tokio, states that an effective poison for killing rats is desired in Japan. The preparation must be comparatively harmless for human beings. Rats are feared in Japan as carriers of plague and are a great pest. A poison largely sold in Japan contains phosphorus as

the toxic element; the objection to it is that about 5000 persons committed suicide last year by means of it ("neko-irazu").

Another Japanese news item conveys the information that a rich quicksilver vein has been discovered in the upper Goto Archipelago of Japan. The width of the vein is said to be from 2 to 6 feet and extends for over seven miles.